IN THE CLAIMS:

Please amend claims 1, 9-11, 13 and 20, all as follows:

1.   (Currently Amended) A migration destination file sharing device communicably connected to a migration source file sharing device and a host computer via a communications network, the migration destination file sharing device including:

means for relating a plurality of shared file system systems of the migration source file sharing device to [[the]] plurality of shared file system systems of the migration destination file sharing device and for determining a mount point that corresponds the shared file system systems of the migration source file sharing device to the shared file system systems of the migration destination file sharing device, on a shared file system by shared file system basis, the mount point being used to mount one of the shared file systems of the migration source sharing device to one of the shared file systems of the migration destination sharing device, and the migration source shared file system systems each having a plurality of files;

means for migrating data files from the migration source file sharing device to the migration destination file sharing device on a file-by-file files by files basis;

means for setting or changing a migration status of each file;

means for causing access from the host computer to be switched from the migration source file sharing device to the migration destination file sharing device;

means for detecting the migration status of data a file to which access has been requested by the host computer;

means for providing the data file from the file system of the migration destination file sharing device to the host computer during the data migration in a case where the detected migration status of the data file is a status where the data file can be used from the file system of the migration destination file sharing device; and

means for providing the data file from the file system of the migration source file sharing device to the host computer during the data migration in a case where the detected migration status of the data file is a status where the data file cannot be used from the file system of the migration destination file sharing device.

2-4.   (Cancelled)

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5. (Previously Presented) The migration destination file sharing device of claim 1, further comprising means for updating the network environment information of the migration source file sharing device to other values after starting the migration destination file sharing device on the basis of temporary setting-use network environment information, and for causing the migration destination file sharing device to inherit the updated network environment information of the migration source file sharing device.

6. (Previously Presented) The migration destination file sharing device of claim 5, further comprising monitoring means for monitoring whether or not the network environment information of the migration source file sharing device has been updated to the other values.

7. (Previously Presented) The migration destination file sharing device of claim 5, wherein the inheriting of the network environment information from the migration source file sharing device and the updating of the network environment information of the migration source file sharing device are respectively conducted by remote control.

8. (Cancelled)

9. (Currently Amended) The migration destination file sharing device of claim 1, further including use frequency detecting means that detects the use frequency of ~~data~~ files that cannot be used from the file system of the migration destination file sharing device, wherein data migrating priority is given to ~~data~~ files whose use frequency detected by the use frequency detecting means is equal to or greater than a predetermined value.

10. (Currently Amended) The migration destination file sharing device of claim 1, wherein:

    data migration statuses include

    (A) a first migration status representing a status where migration of ~~data~~ a file from the file system of the migration source file sharing device to the file system of the migration destination file sharing device has not been conducted,

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(B) a second migration status representing a status where ~~data~~ the file is migrating from the file system of the migration source file sharing device to the file system of the migration destination file sharing device,

(C) a third migration status representing a status where migration of ~~data~~ the file from the file system of the migration source file sharing device to the file system of the migration destination file sharing device has been completed, and

(D) a fourth migration status representing a status where ~~data~~ the file is being provided from the file system of the migration source file sharing device; and

(a) in the case of the first migration status, a migration status of ~~data~~ file to which access has been requested is changed to the fourth migration status, provides the ~~data~~ file from the file system of the migration source file sharing device, and thereafter returns the migration status of the ~~data~~ file to the first migration status,

(b) in the case of the second migration status, the ~~data~~ file from the file system of the migration source file sharing device is provided in a read-only mode,

(c) in the case of the third migration status, the ~~data~~ file from the file system of the migration destination file sharing device is provided, and

(d) in the case of the fourth migration status, the ~~data~~ file from the file system of the migration source file sharing system is provided in the read-only mode and thereafter the migration status of the ~~data~~ file is changed to the first migration status.

11. (Currently Amended) A method of causing data to migrate from a file system of a migration source file sharing device to a file system of a migration destination file sharing device via a communications network, the method including the steps of:

relating a plurality of shared file ~~system~~ systems of the migration source file sharing device to [[the]] a plurality of shared file ~~system~~ systems of the migration destination file sharing device, including determining a mount point that corresponds the shared file ~~system~~ systems of the migration source file sharing device to the shared file ~~system~~ systems of the migration destination file sharing device, on a shared file system by shared file system basis, the mount point being used to mount one of the shared file systems of the migration source sharing device to one of the shared file systems of the migration destination sharing device, and the migration source shared file ~~system~~ systems each having a plurality of files;

migrating ~~data~~ files from the migration source file sharing device to the migration destination file sharing device on a ~~file-by-file~~ files by files basis;

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setting or changing a migration status of each file;

causing access from a host computer to be switched from the migration source file sharing device to the migration destination file sharing device;

detecting the migration status of ~~data~~ a file to which access has been requested by the host computer;

providing the ~~data~~ file from the file system of the migration destination file sharing device to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file can be used from the file system of the migration destination file sharing device; and

providing the ~~data~~ file from the file system of the migration source file sharing device to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file cannot be used from the file system of the migration destination file sharing device.

12.   (Original) The inter-file sharing device data migration method of claim 11, wherein the step of causing access from the host computer to be switched to the migration destination file sharing device is one that causes access from the host computer to be switched from the migration source file sharing device to the migration destination file sharing device without changing network connection information that is set in the host computer.

13.   (Currently Amended) A computer program stored in a computer readable medium implemented in a file server and for causing data to migrate from a migration source file sharing device to a migration destination file sharing device via a communications network, comprising:

a module for relating a plurality of shared file ~~system~~ systems of the migration source file sharing device to [[the]] a plurality of shared file ~~system~~ systems of the migration destination file sharing device, said module being configured to determine a mount point that corresponds the shared file ~~system~~ systems of the migration source file sharing device to the shared file ~~system~~ systems of the migration destination file sharing device, on a shared file system by shared file system basis, the mount point being used to mount one of the shared file systems of the migration source sharing device to one of the shared file systems of the migration destination sharing device, and the migration source shared file ~~system~~ systems each having a plurality of files;

a module for migrating ~~data~~ files from the migration source file sharing device to the migration destination file sharing device on a ~~file-by-file~~ files by files basis;

a module for setting or changing a migration status of each file;

a module for causing access from a host computer to be switched from the migration source file sharing device to the computer;

a module for detecting the migration status of ~~data~~ a file to which access has been requested by the host computer;

a module for providing the ~~data~~ file from the file system of the computer to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file can be used from a file system of the computer; and

a module for providing the ~~data~~ file from a file system of the migration source file sharing device to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file cannot be used from the file system of the computer.

14. (Previously Presented) The migration destination file sharing device of claim 1, further comprising:

means for causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network.

15. (Previously Presented) The migration destination file sharing device of claim 1, wherein the means for relating the shared file system of the migration destination file sharing device with the shared file system of the migration source file sharing device copies a name of the shared file system of the migration source file sharing device so as to be a name of the shared file system of the migration destination file sharing device.

16. (Previously Presented) The inter-file sharing device data migration method of claim 11, further comprising the step of:

causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network.

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17.   (Previously Presented) The inter-file sharing device data migration method of claim 11, wherein the step of relating the shared file system of the migration destination file sharing device with the shared file system of the migration source file sharing device includes copying a name of the shared file system of the migration source file sharing device so as to be a name of the shared file system of the migration destination file sharing device.

18.   (Previously Presented) The computer program stored in a computer readable medium of claim 13, further comprising:

        a module for causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network.

19.   (Previously Presented) The computer program stored in a computer readable medium of claim 13, wherein the module for relating the shared file system of the migration destination file sharing device with the shared file system of the migration source file sharing device copies a name of the shared file system of the migration source file sharing device so as to be a name of the shared file system of the migration destination file sharing device.

20.   (Currently Amended) In a file sharing system that comprises a host computer, a source file sharing device, and a destination file sharing device communicably connected to the source file sharing device and the host computer via a communications network, the destination file sharing device includes:

        a control unit, the control unit being operatively formed to migrate ~~data~~ files from the source file sharing device to the destination file sharing device and to include

        a first component that relates a plurality of shared file ~~system~~ systems of the source file sharing device to [[the]] a plurality of shared file ~~system~~ systems of the destination file sharing device, on a shared file system by shared file system basis, the source shared file ~~system~~ systems each having a plurality of files, said first component being configured to determine a mount point that corresponds the shared file ~~system~~ systems of the migration source file sharing device to the shared file ~~system~~ systems of the migration destination file sharing device, the mount point being used to mount one

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of the shared file systems of the migration source sharing device to one of the shared file systems of the migration destination sharing device;

a second component that migrates the ~~data~~ files from the source file sharing device to the destination file sharing device on a ~~file-by-file~~ files by files basis;

a third component that sets or changes a migration status of each file;

a fourth component that causes access from the host computer to switch from the source file sharing device to the destination file sharing device;

a fifth component that detects the migration status of ~~the data~~ a file to which access has been requested by the host computer;

a sixth component that provides the ~~data~~ file from the file system of the destination file sharing device to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file can be used from the file system of the destination file sharing device; and

a seventh component that provides the data file from the file system of the source file sharing device to the host computer during the data migration in a case where the detected migration status of the ~~data~~ file is a status where the ~~data~~ file cannot be used from the file system of the destination file sharing device.

21. (Previously Presented) The migration destination file sharing device of claim 14, wherein the means for causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network further includes

means for acquiring the network environment information from the migration source file sharing device,

means for changing the network environment information into change-use network environment information and for restarting the migration source file sharing device,

means for confirming whether the migration source file sharing device restarts with the change-use network environment information, and

means for changing network environment information of the migration destination file sharing device into the original network environment information of the migration source file sharing device.

22.   (Previously Presented) The inter-file sharing device data migration method of claim 16, wherein the step of causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network further includes

acquiring the network environment information from the migration source file sharing device,

changing the network environment information into change-use network environment information and for restarting the migration source file sharing device,

confirming whether the migration source file sharing device restarts with the change-use network environment information, and

changing network environment information of the migration destination file sharing device into the original network environment information of the migration source file sharing device.

23.   (Previously Presented) The computer program stored in a computer readable medium of claim 18, wherein the module for causing the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network further includes the functions of:

acquiring the network environment information from the migration source file sharing device,

changing the network environment information into change-use network environment information and for restarting the migration source file sharing device,

confirming whether the migration source file sharing device restarts with the change-use network environment information, and

changing network environment information of the migration destination file sharing device into the original network environment information of the migration source file sharing device.

24.   (Previously Presented) In a file sharing system that comprises a host computer, a source file sharing device, and a destination file sharing device communicably connected to the source file sharing device and the host computer via a communications network, according to claim 20, further comprising:

an eighth component that causes the migration destination file sharing device to inherit, prior to data migration, network environment information for identifying the migration source file sharing device on the communications network.

25. (Previously Presented) In a file sharing system that comprises a host computer, a source file sharing device, and a destination file sharing device communicably connected to the source file sharing device and the host computer via a communications network, according to claim 24, wherein the eighth component is further formed to acquire the network environment information from the migration source file sharing device, to change the network environment information into change-use network environment information and for restarting the migration source file sharing device, to confirm whether the migration source file sharing device restarts with the change-use network environment information, and to change network environment information of the migration destination file sharing device into the original network environment information of the migration source file sharing device.

26. (Previously Presented) The migration destination file sharing device of claim 1, wherein said means for relating the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device, the mount point that corresponds the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device, a name of the shared file system of the migration destination file sharing device, and a file migration status of files to be migrated to each other.

27. (Previously Presented) The migration destination file sharing device of claim 1, wherein said means for relating the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device, and a name of the shared file system of the migration destination file sharing device to each other.

28. (Previously Presented) The inter-file sharing device data migration method of claim 11, wherein the step of relating the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device further includes corresponding a name of a migration source host, a name of the shared file system of the migration source file sharing device, the mount point that corresponds the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device, a name of the shared file system of the migration destination file sharing device, and a file migration status of files to be migrated to each other.

29. (Previously Presented) The inter-file sharing device data migration method of claim 11, wherein the step of relating the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device further includes corresponding a name of a migration source host, a name of the shared file system of the migration source file sharing device, and a name of the shared file system of the migration destination file sharing device to each other.

30. (Previously Presented) The computer program stored in a computer readable medium of claim 13, wherein the module for relating the shared file system of the migration destination file sharing device with the shared file system of the migration source file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device, the mount point that corresponds the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device, a name of the shared file system of the migration destination file sharing device, and a file migration status of files to be migrated to each other.

31. (Previously Presented) The computer program stored in a computer readable medium of claim 13, wherein the module for relating the shared file system of the migration destination file sharing device with the shared file system of the migration source file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device and a name of the shared file system of the migration destination file sharing device to each other.

32.   (Previously Presented) In the file sharing system according to claim 20, wherein the first component that relates the shared file system of the source file sharing device to the shared file system of the destination file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device, the mount point that corresponds the shared file system of the migration source file sharing device to the shared file system of the migration destination file sharing device, a name of the shared file system of the migration destination file sharing device, and a file migration status of files to be migrated to each other.

33.   (Previously Presented) In the file sharing system according to claim 20, wherein the first component that relates the shared file system of the source file sharing device to the shared file system of the destination file sharing device is further configured to correspond a name of a migration source host, a name of the shared file system of the migration source file sharing device, and a name of the shared file system of the migration destination file sharing device to each other.